

ABSTRACT

The invention provides peptides comprising a sequence homologous to a portion of the third constant domain of the epsilon heavy chain of IgE, covalently linked to either (1) a carrier protein, or (2) a helper T cell epitope, and optionally to other immunostimulatory sequences as well.

The invention provides for the use of such peptides as immunogens to elicit the production in mammals of high titer polyclonal antibodies, which are specific to a target effector site on the epsilon heavy chain of IgE. The peptides are expected to be useful in pharmaceutical compositions, to provide an immunotherapy for IgE-mediated allergic diseases.